

ABSTRACT

A barrel assembly for a weapon, said barrel assembly including a barrel; a
5 plurality of projectile assemblies axially disposed in end to end abutting relationship
within said barrel for operative sealing engagement with the bore of the barrel, each
projectile including a projectile head and an integral cylindrical spacer portion
extending axially and rearwardly from said projectile head; discrete propellant
charges accommodated within said cylindrical spacer portion for propelling
10 respective projectile assemblies sequentially through the muzzle of the barrel;
ignition means for igniting said discrete propellant charges; and control means for
selectively and sequentially actuating the ignition means. In one form, each
projectile assembly further includes an internal wedging surface, at or adjacent the
trailing end of said cylindrical extension which accommodates a tapered nose part
15 of a following projectile, for expanding said trailing end into enhanced sealing
engagement with the barrel upon engagement of said wedging surface with said
tapered nose part.

(FIG. 16)